Physics Colloquium

Tuesday, November 14, 2023 at 16:30

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Should physics pay attention to attention?

At the core of the current AI hype is the attention mechanism, which powers transformers and hence all modern language models, such as ChatGPT. Attention deals with information routing, in contrast to classical deep learning, which excels in information processing. Can physics modeling techniques contribute to an understanding of what is going on inside transformers? An introduction to attention is presented together with selected modeling techniques of machine learning problems.

Venue: Universität Leipzig, Faculty of Physics and Earth Sciences
04103 Leipzig, Linnéstraße 5, Room: small lecture hall

Everyone is welcome to a reception with coffee, drinks and cookies in the Aula following the talk.